

Jamison Civil Engineering LLC

TBPE #F-17756
13812 Research Blvd. #B-2
Austin, Texas 78750

Office: (737) 484-0880
Fax: (737) 484-0897
E-Mail: s

February 14, 2021

Jeffrey Howard
McLean & Howard, L.L.P.
901 South MoPac Expy., Ste 225
Austin, Texas 78746

Re: 10304 Old San Antonio Road
Offsite Sidewalk Memo

Mr. Howard,

Per your request, Jamison Civil Engineering LLC, (JCE), investigated the feasibility of installing a five (5) foot wide sidewalk, along the west / northwest side of the existing Old San Antonio right of way, (R.O.W.) from the property at 10304 Old San Antonio Road:

Scenario 1: From the northern property corner – north along the R.O.W. to the low water crossing at Slaughter Creek, (approximately 650 feet).

Scenario 2: From the southern property corner – south along the R.O.W. to Akins High School Road, (approximately 670 feet).

Scenario 1

Installing a five (5) foot wide sidewalk the entire distance, (approximately 670 feet), to the low water crossing is NOT recommended for the following reasons:

1. The existing Old San Antonio roadway does not have a raised curb and gutter and there are multiple stretches of roadway, north of the first driveway at the C.O.A. Parks and Wildlife property, that will not have adequate room in the existing R.O.W. to install a safe pedestrian sidewalk.

In these areas, the sidewalk will need to be installed directly adjacent to the paved travel way of oncoming vehicles. With the existing sharp horizontal curvature of the existing roadway, this will create a dangerous situation for pedestrians.

This portion of the R.O.W. also includes an existing roadside ditch to convey stormwater runoff down to the creek. The new sidewalk would require a significant storm sewer system be installed to convey the runoff under the sidewalk.

Acceptable Option: Installing approximately 190 feet of the five (5) foot wide sidewalk from the property corner to the first existing driveway at the C.O.A. Parks and Wildlife property.

This stretch of roadway does have adequate room to safely install a pedestrian sidewalk and will not require the sidewalk to be installed directly adjacent to the travel way. Lastly, this area is not within the dangerous existing sharp horizontal curvature of the existing roadway.

Scenario 2

Installing a five (5) foot wide sidewalk the entire distance south along the R.O.W. to Akins High School Road, (approximately 670 feet), is NOT recommended for the following reason:

1. The existing Old San Antonio roadway does not have a raised curb and gutter and the initial portion of the west side of the existing Old San Antonio roadway, (approximately 180 feet), includes an existing roadside ditch to convey stormwater runoff down to the existing culvert under the roadway. This portion of the new sidewalk would require a significant storm sewer system or concrete lined channel to be installed to convey the runoff under/around the sidewalk.

Acceptable Option: Utilize the existing sidewalk along the east side of the Old San Antonio roadway. This side of the roadway does have adequate room to safely install a pedestrian sidewalk and will not require the sidewalk to be installed directly adjacent to the travel way.

The existing sidewalk could be extended south along the existing school property, down to the existing Akins High School Road intersection, where a safe pedestrian crossing can be installed across Old San Antonio Road.

Please see the attached exhibits for your reference. Please let me know if you have any questions and/or if you need any additional information.

Sincerely,



Stephen R. Jamison, P.E.
Jamison Civil Engineering LLC
TBPE #F-17756



02/14/2021

FIRST EXISTING DRIVEWAY
C.O.A. PARKS & WILDLIFE

LOW WATER
CROSSING

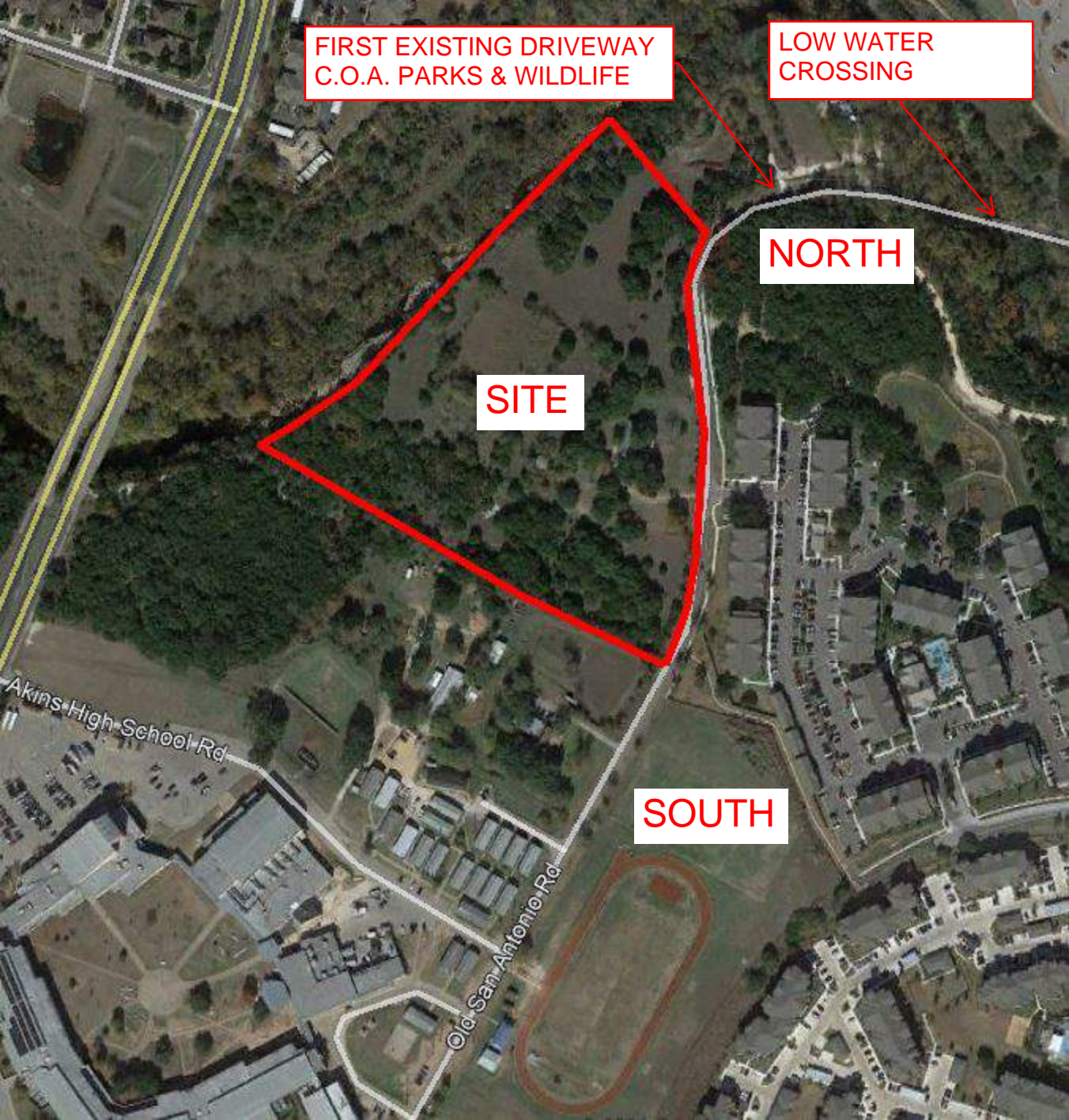
NORTH

SITE

SOUTH

Akins High School Rd

Old San Antonio Rd





FIRST EXISTING DRIVEWAY
C.O.A. PARKS & WILDLIFE

An aerial photograph of a wooded area. A road, labeled 'Old San Antonio Rd', runs horizontally across the middle. A red line outlines a 'SITE' on the left side of the road. A red arrow points from a text box to a driveway on the road. Another red arrow points from a text box to a crossing on the road to the right. A north arrow is located in the lower center.

SITE

Old San Antonio Rd

NORTH

LOW WATER
CROSSING

FIRST EXISTING DRIVEWAY
C.O.A. PARKS & WILDLIFE

NORTH

FIRST EXISTING DRIVEWAY
C.O.A. PARKS & WILDLIFE



NORTH



NORTH

LOW WATER
CROSSING



SITE

EXISTING
SIDEWALK

SOUTH

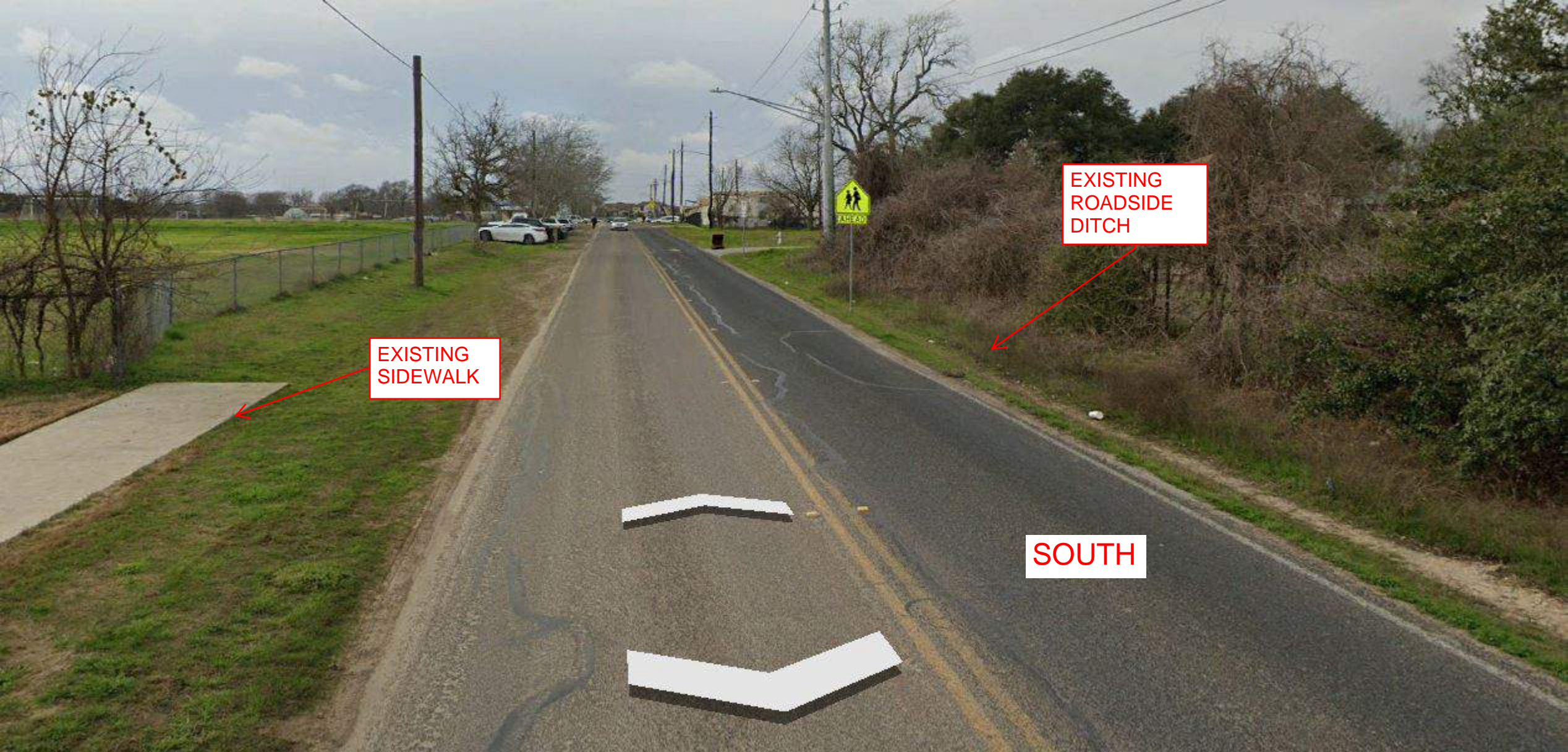
PROPOSED
PEDESTRIAN
CROSSING

Akins High School Rd

Old San Antonio Rd

© 2021 Google

Imagery Date: 11/23



EXISTING
SIDEWALK

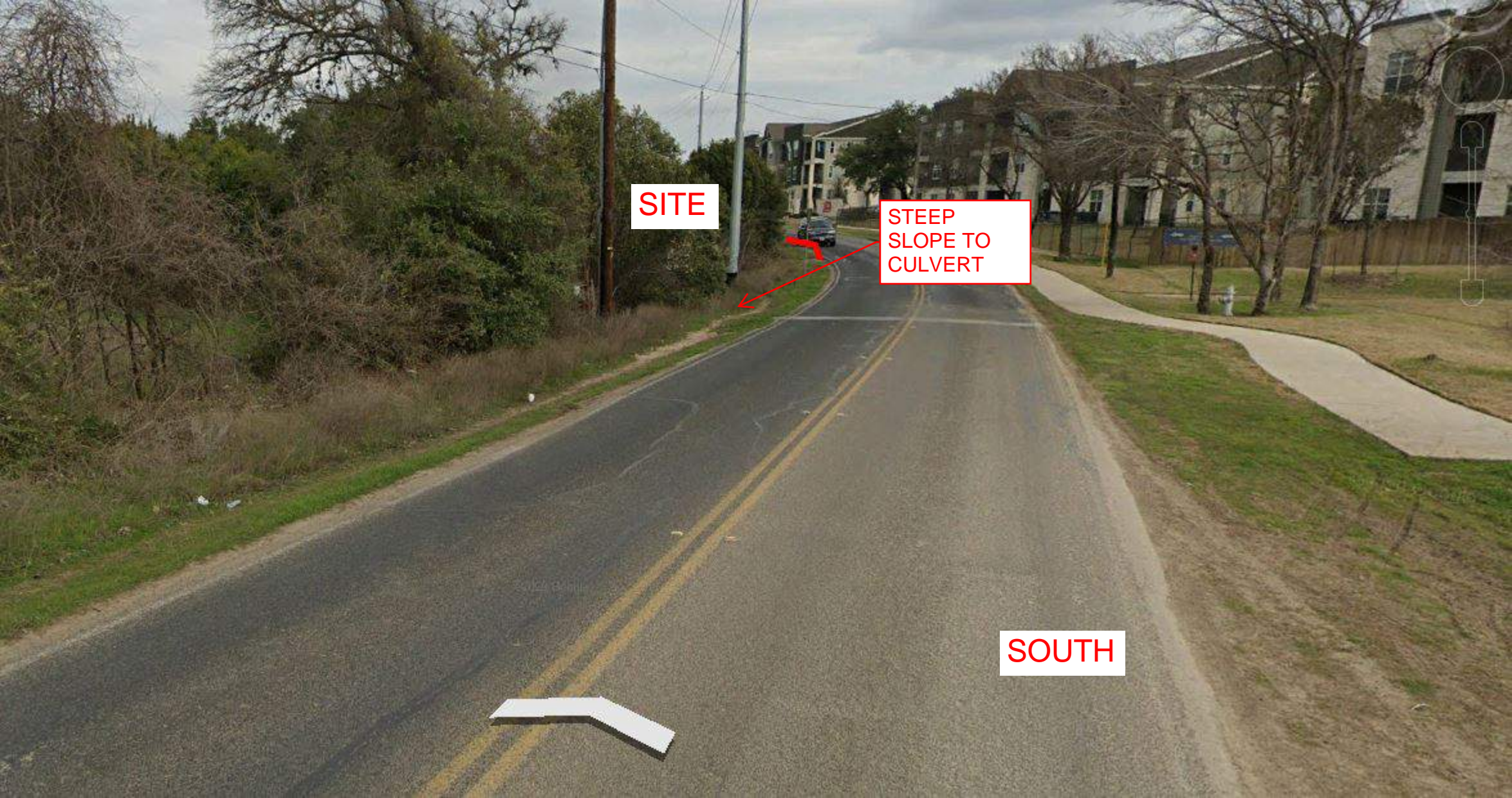
EXISTING
ROADSIDE
DITCH

SOUTH

SITE

STEEP
SLOPE TO
CULVERT

SOUTH



SITE

EXISTING
CULVERT

STEEP
SLOPE TO
CULVERT

SOUTH

